

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20030149173"	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L2	31	"5834029"	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L3	10	"5955578"	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L4	115	"6120904"	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L5	38	"6197325"	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L6	2	WO-9802189-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/04/12 19:36
L7	76	helmus-michael\$.in.	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L8	103	richard-robert\$.in.	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L9	1	dixon-melissa\$.in.	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L10	27	encapsulated heparin	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L11	1759	heparin SAME (laminin OR YIGSR OR tyr-ile-gly-ser-arg)	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L12	1759	heparin SAME (laminin OR YIGSR OR tyr\$1ile\$1gly\$1ser\$1arg)	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L13	63	heparin SAME (tyr\$1ile\$1gly\$1ser \$1arg)	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L14	10	heparin SAME (laminin OR YIGSR OR tyr\$1ile\$1gly\$1ser\$1arg) SAME conjugate	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L15	137	heparin SAME (laminin OR YIGSR OR tyr\$1ile\$1gly\$1ser\$1arg) SAME (polyethylene glycol OR PEG)	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L16	5	heparin SAME (laminin OR YIGSR OR tyr\$1ile\$1gly\$1ser\$1arg) SAME (encapsulation)	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36

L17	70338	(polyurethane OR isobutylene OR polystyrene\$1isobutylene \$1polystyrene OR hydrogel OR silicone OR N\$1butyl methacrylate OR glycidyl methacrylate OR hydroxyethylmethacrylate OR polyvinyl alcohol OR PVA OR polyethylene oxide OR polyethylene glycol OR PEO OR PEG) SAME (aggrecan OR agrin OR bamacan OR heparin sulfate OR heparan sulfate OR chondroitin sulfate OR keratan sulfate OR keratin sulfate OR perlecan OR hyaluronan OR decorin OR dermatan sulfate OR dermatin sulfate OR biglycan OR fibromodulin OR alginate OR polylactate OR polyglycolic acid OR starch OR dextran OR agarose)	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L18	403	(polyurethane OR isobutylene OR polystyrene\$1isobutylene \$1polystyrene OR hydrogel OR silicone OR N\$1butyl methacrylate OR glycidyl methacrylate OR hydroxyethylmethacrylate OR polyvinyl alcohol OR PVA OR polyethylene oxide OR polyethylene glycol OR PEO OR PEG) SAME (aggrecan OR agrin OR bamacan OR heparin sulfate OR heparan sulfate OR chondroitin sulfate OR keratan sulfate OR keratin sulfate OR perlecan OR hyaluronan OR decorin OR dermatan sulfate OR dermatin sulfate OR biglycan OR fibromodulin OR alginate OR polylactate OR polyglycolic acid OR starch OR dextran OR agarose) SAME (tyr\$1ile\$1gly\$1ser\$1arg OR Y1GSR OR laminin)	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L19	254	(polyurethane OR isobutylene OR polystyrene\$1isobutylene \$1polystyrene OR hydrogel OR silicone OR N\$1butyl methacrylate OR glycidyl methacrylate) SAME (aggrecan OR agrin OR bamacan OR heparin sulfate OR heparan sulfate OR chondroitin sulfate OR keratan sulfate OR keratin sulfate OR perlecan OR hyaluronan OR decorin OR dermatan sulfate OR dermatin sulfate OR biglycan OR fibromodulin OR alginate OR polylactate OR polyglycolic acid OR starch OR dextran OR agarose) SAME (tyr\$1ile\$1gly\$1ser\$1arg OR Y1GSR OR laminin)	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36

L20	3	(N\$1butyl methacrylate OR glycidyl methacrylate) SAME (aggrecan OR agrin OR bamacan OR heparin sulfate OR heparan sulfate OR chondroitin sulfate OR keratan sulfate OR keratin sulfate OR perlecan OR hyaluronan OR decorin OR dermatan sulfate OR dermatin sulfate OR biglycan OR fibromodulin OR alginate OR polylactate OR polyglycolic acid OR starch OR dextran OR agarose) SAME (tyr\$1ile \$1gly\$1ser\$1arg OR YIGSR OR laminin)	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L21	70	(polyurethane OR isobutylene OR polystyrene\$1isobutylene \$1polystyrene) SAME (aggrecan OR agrin OR bamacan OR heparin sulfate OR heparan sulfate OR chondroitin sulfate OR keratan sulfate OR keratin sulfate OR perlecan OR hyaluronan OR decorin OR dermatan sulfate OR dermatin sulfate OR biglycan OR fibromodulin OR alginate OR polylactate OR polyglycolic acid OR starch OR dextran OR agarose) SAME (tyr\$1ile \$1gly\$1ser\$1arg OR YIGSR OR laminin)	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L22	2606	(polyurethane OR isobutylene OR polystyrene\$1isobutylene \$1polystyrene) SAME (aggrecan OR agrin OR bamacan OR heparin sulfate OR heparan sulfate OR chondroitin sulfate OR keratan sulfate OR keratin sulfate OR perlecan OR hyaluronan OR decorin OR dermatan sulfate OR dermatin sulfate OR biglycan OR fibromodulin OR alginate OR polylactate OR polyglycolic acid OR starch OR dextran OR agarose) SAME cross \$1link\$4	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L23	716	(polyurethane OR isobutylene OR polystyrene\$1isobutylene \$1polystyrene) SAME (aggrecan OR agrin OR bamacan OR heparin sulfate OR heparan sulfate OR chondroitin sulfate OR keratan sulfate OR keratin sulfate OR perlecan OR hyaluronan OR decorin OR dermatan sulfate OR dermatin sulfate OR biglycan OR fibromodulin OR alginate OR polylactate OR polyglycolic acid OR starch OR dextran OR agarose) SAME cross \$1link\$4 SAME graft	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36

L24	234	(polyurethane OR isobutylene OR polystyrene\$1isobutylene \$1polystyrene) SAME (aggrecan OR agrin OR bamacan OR heparin sulfate OR heparan sulfate OR chondroitin sulfate OR keratan sulfate OR keratin sulfate OR perlecan OR hyaluronan OR decorin OR dermatan sulfate OR dermatin sulfate OR biglycan OR fibromodulin OR alginate OR polylactate OR polyglycolic acid OR starch OR dextran OR agarose) SAME cross \$1link\$4 SAME (protein OR peptide)	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L25	2	"20050238684"	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L26	1911	(aggrecan OR agrin OR bamacan OR heparan sulfate OR chondroitin sulfate OR keratan sulfate OR perlecan OR hyaluronan OR decorin OR dermatan sulfate OR biglycan OR fibromodulin OR alginate OR polylactate OR polyglycolic acid OR starch OR dextran OR agarose OR heparin) SAME (RGD OR YIGSR OR IVKAV OR Arg?Gly?Asp OR Tyr?Ile? Gly?Ser?Arg OR Ile?Val?Lys?Ala? Val)	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L27	160	(aggrecan OR agrin OR bamacan OR heparan sulfate OR chondroitin sulfate OR keratan sulfate OR perlecan OR hyaluronan OR decorin OR dermatan sulfate OR biglycan OR fibromodulin OR alginate OR polylactate OR polyglycolic acid OR starch OR dextran OR agarose OR heparin) SAME (RGD OR YIGSR OR IVKAV OR Arg\$1Gly\$1Asp OR Tyr \$1Ile\$1Gly\$1Ser\$1Arg OR Ile\$1Val \$1Lys\$1Ala\$1Val) SAME (polyurethane OR isobutylene OR polystyrene\$1isobutylene \$polystyrene OR hydrogel OR silicone OR NS1butyl methacrylate OR glycidyl methacrylate)	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L28	0	(aggrecan OR agrin OR bamacan OR heparan sulfate OR chondroitin sulfate OR keratan sulfate OR perlecan OR hyaluronan OR decorin OR dermatan sulfate OR biglycan OR fibromodulin OR alginate OR polylactate OR polyglycolic acid OR starch OR dextran OR agarose OR heparin) SAME (RGD OR YIGSR OR IVKAV OR Arg\$1Gly\$1Asp OR Tyr \$1Ile\$1Gly\$1Ser\$1Arg OR Ile\$1Val \$1Lys\$1Ala\$1Val) SAME (polyurethane OR isobutylene OR polystyrene\$1isobutylene	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36

		\$polystyrene OR hydrogel OR silicone OR N\$1butyl methacrylate OR glycidyl methacrylate) AND cross \$1linked scaffold				
L29	23	(aggrecan OR agrin OR bamacan OR heparan sulfate OR chondroitin sulfate OR keratan sulfate OR perlecan OR hyaluronan OR decorin OR dermatan sulfate OR biglycan OR fibromodulin OR alginate OR polylactate OR polyglycolic acid OR starch OR dextran OR agarose OR heparin) SAME (RGD OR YIGSR OR IVKAV OR Arg\$1Gly\$1Asp OR Tyr \$1Ile\$1Gly\$1Ser\$1Arg OR Ile\$1Val \$1Lys\$1Ala\$1Val) SAME (polyurethane OR isobutylene OR polystyrene\$1isobutylene \$polystyrene OR hydrogel OR silicone OR N\$1butyl methacrylate OR glycidyl methacrylate) SAME cross\$1linked	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36
L30	236	(RGD OR YIGSR OR IVKAV).dm.	USPAT	ADJ	ON	2009/04/12 19:36
L31	29	(RGD OR YIGSR OR IVKAV).dm. SAME (heparan sulfate OR perlecan OR keratan sulfate OR chondroitin sulfate OR heparin OR decorin)	USPAT	ADJ	ON	2009/04/12 19:36
L32	5751	(arg gly asp OR RGD)	USPAT	ADJ	ON	2009/04/12 19:36
L33	11	(arg gly asp OR RGD) SAME conjugat\$9 SAME (\$4saccharide OR proteoglycan)	USPAT	ADJ	ON	2009/04/12 19:36
L34	301	(aggrecan OR agrin OR bamacan OR heparan sulfate OR chondroitin sulfate OR keratan sulfate OR perlecan OR hyaluronan OR decorin OR dermatan sulfate OR biglycan OR fibromodulin OR alginate OR polylactate OR polyglycolic acid OR starch OR dextran OR agarose OR heparin).dm. SAME (fibronectin OR vitronectin OR laminin OR fibrin OR tenascin).dm.	USPAT	ADJ	ON	2009/04/12 19:36
L35	41	(aggrecan OR agrin OR bamacan OR heparan sulfate OR chondroitin sulfate OR keratan sulfate OR perlecan OR hyaluronan OR decorin OR dermatan sulfate OR biglycan OR fibromodulin OR alginate OR polylactate OR polyglycolic acid OR starch OR dextran OR agarose OR heparin).dm. SAME (fibronectin OR vitronectin OR laminin OR fibrin OR tenascin).dm. SAME (polyurethane OR isobutylene OR polystyrene isobutylene polystyrene OR hydrogel OR silicone OR N butyl	USPAT	ADJ	ON	2009/04/12 19:36

		(methacrylate OR glycidyl methacrylate).clm.					
L36	76	((MICHAEL) near2 (HELMUS)).INV.	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36	
L37	462	((ROBERT) near2 (RICHARD)).INV.	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36	
L38	1	((MELISSA) near2 (DIXON)).INV.	US-PGPUB; USPAT	ADJ	OFF	2009/04/12 19:36	
L39	73	(L36 OR L37 OR L38) AND ((peptide OR protein) SAME (polysaccharide OR proteoglycan)).clm.	US-PGPUB; USPAT	ADJ	ON	2009/04/12 19:36	
L40	12	(L36 OR L37 OR L38) AND ((peptide OR protein) SAME (polysaccharide OR proteoglycan)).clm.	US-PGPUB; USPAT	ADJ	ON	2009/04/12 19:36	
L41	602	((covalent\$4 OR conjugat\$5 OR bond \$5).clm. SAME ((peptide OR protein) SAME (polysaccharide OR proteoglycan)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/12 19:36	
L42	411	((covalent\$4 OR conjugat\$5 OR bond \$5).clm. SAME ((peptide OR protein) SAME (heparan OR heparin) sulfate OR perlecan OR (keratan OR keratin) sulfate OR chondroitin sulfate OR heparin OR decorin)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/12 19:36	
L43	117	((covalent\$4 OR conjugat\$5 OR bond \$5).clm. SAME ((peptide OR protein) SAME ((heparan OR heparin) sulfate OR perlecan OR (keratan OR keratin) sulfate OR chondroitin sulfate OR heparin OR decorin)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/12 19:36	
L44	0	((covalent\$4 OR conjugat\$5 OR bond \$5).clm. SAME ((Y1SGR) SAME ((heparan OR heparin) sulfate OR perlecan OR (keratan OR keratin) sulfate OR chondroitin sulfate OR heparin OR decorin)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/12 19:36	
L45	28	((covalent\$4 OR conjugat\$5 OR bond \$5).clm. SAME ((fibronectin OR vitronectin OR laminin OR fibrin OR tenascin) SAME ((heparan OR heparin) sulfate OR perlecan OR (keratan OR keratin) sulfate OR chondroitin sulfate OR heparin OR decorin)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/12 19:36	

L46	7	(covalent\$4 OR conjugat\$5 OR bond \$5).clm. SAME ((fibronectin OR vitronectin OR laminin OR fibrin OR tenascin) SAME ((heparan OR heparin) sulfate OR perlecan OR (keratan OR keratin) sulfate OR chondroitin sulfate OR heparin OR decorin)).clm. SAME (polyurethane OR isobutylene OR polystyrene isobutylene polystyrene OR silicone OR "N-butyl methacrylate" OR glycidyl methacrylate OR hydroxyethylmethacrylate OR polyvinyl alcohol OR polyethylene oxide OR polyethylene glycol).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/12 19:36
L47	0	(covalent\$4 OR conjugat\$5 OR bond \$5).clm. SAME ((fibronectin OR vitronectin OR laminin OR fibrin OR tenascin) SAME ((heparan OR heparin) sulfate OR perlecan OR (keratan OR keratin) sulfate OR chondroitin sulfate OR heparin OR decorin)).clm. SAME (polyurethane OR isobutylene OR polystyrene isobutylene polystyrene OR silicone OR "N-butyl methacrylate" OR glycidyl methacrylate OR hydroxyethylmethacrylate OR polyvinyl alcohol OR polyethylene oxide OR polyethylene glycol).clm. AND immiscible	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/12 19:36
L48	3	"06128289"	USPAT	ADJ	ON	2009/04/12 19:36
L49	1	"06128289"	JPO	ADJ	ON	2009/04/12 19:36
L50	2	WO-9519796-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/12 19:36
L51	3	"6723344"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/12 19:36
L52	9	("6384105" OR "6423790" OR "6759485")	US-PGPUB; USPAT	ADJ	ON	2009/04/12 19:36
L53	2	("6384105" OR "6423790" OR "6759485") AND (Y1GSR OR IVKAV)	US-PGPUB; USPAT	ADJ	ON	2009/04/12 19:36
L54	2	"20030113478"	US-PGPUB; USPAT	ADJ	ON	2009/04/12 19:36
L55	4	"6991652"	US-PGPUB; USPAT	ADJ	ON	2009/04/12 19:36
L56	1	"7297843"	US-PGPUB; USPAT	ADJ	ON	2009/04/12 19:36
L57	1	"7297343"	US-PGPUB; USPAT	ADJ	ON	2009/04/12 19:36

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